

10/20/08

(3)

**Christine Joyce**

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**From:** Christine Joyce  
**Sent:** Monday, October 06, 2008 9:49 AM  
**To:** Corey York; Manager Department  
**Subject:** Gas Co. Rectifier Installation applications

All,

As I understand it, hence forward, Corey will forward to DRB for their comments, the property owners affected by the installation will be asked to sign an approval letter of the placement of the rectifier equipment, the utility may have to negotiate the location, but we will require the proof that the abutter is notified and approves of the proposed location. No exceptions. Once we receive Corey and DRB comments, if any, we need to then schedule and proceed to BOS approval.

Note: this is not the case for underground installations of wires, gas mains, etc as they are below ground and do not require DRB comment. Once the board approves, the original application signed by the BOS is forwarded to Eva to have the company billed for the project.

Any questions let me know, if you believe different, let me know also. We are handling these rectifier installations throughout town in the same manner as we have for Wood Lane and other locations around town, but with DRB now getting involved.

Thanks

10/6/2008



**TOWN OF ACTON**  
472 Main Street  
Acton, Massachusetts, 01720  
Telephone (978) 264-9628  
Fax (978) 264-9630

**Engineering Department**

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**INTERDEPARTMENTAL COMMUNICATION**

**To: Board of Selectmen**

**Date:** September 11, 2008

**From: Engineering Department**

**Subject: National Grid – Gas Main Petition - High Street – St #4  
Faulkner Mill Development**

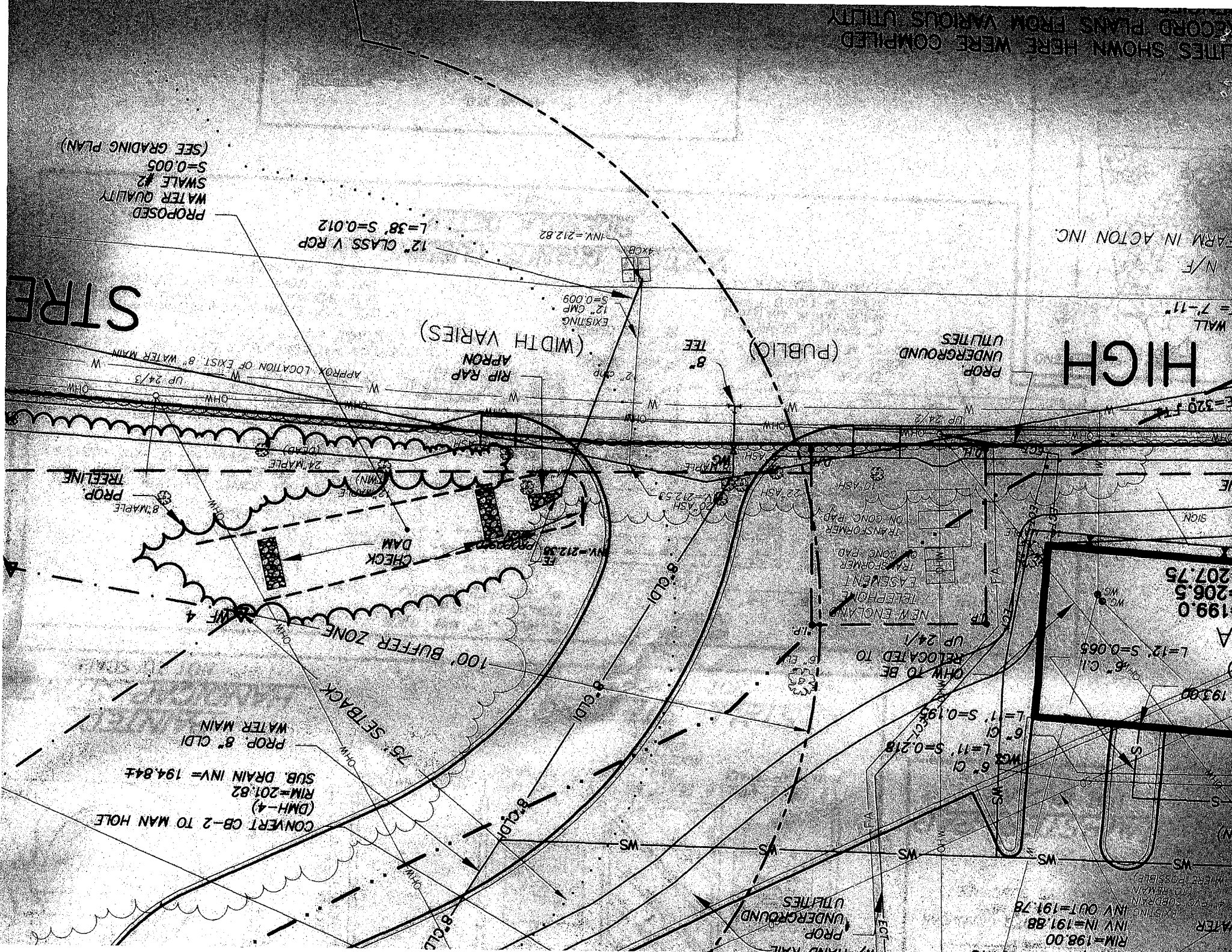
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We reviewed the petition from National Grid to install approximately 750 feet, more or less, of 2-inch gas main for the new homes in the Faulkner Mill Development located at 4 High Street. The new 2-inch gas main will tie into the existing gas main in High Street as shown on their attached sketch. We recommend that the new gas main be located within the existing opening in the stone wall along High Street for the new access driveway. In addition to the petition for the new gas main, National Grid has shown a proposal to install a test station for the gas main at this location. The test station consists of 4 anodes and an underground utility structure that will be accessed by National Grid to test the ongoing corrosion of this gas main via 2-wire connectors. All these appurtenances will be underground and there will be no above grade features except for the access cover to the 9-inch square utility test station. The sketch shows the majority of the testing facilities to be located on private property. National Grid will need to obtain an easement from the private landowners to install this test station on private property. The Town does not have the authority to grant permission to National Grid if they are located on private property.

As part of this work, National Grid will need to do the following:

1. This work will need to be coordinated with the developer of the project.
2. A Permit to Construct within a Public Way will need to be obtained from this department prior to starting work in Main Street.
3. The developer is required to construct a sidewalk along this section of High Street. The access cover for the test station should not be located with the paved surface of the sidewalk to avoid any future problems/damaged with our sidewalk snow plow. We would prefer that the access cover be located no closer than one foot from the edge of the sidewalk.
4. Any work on private property will require that National Grid seek an easement from the landowner(s). The Town has no authority to grant permission for any work on private property.

We do not foresee any problems with granting this petition. If you have any questions, or need additional information, please let us know.



UTILITIES SHOWN HERE WERE COMPILED  
RECORD PLANS FROM VARIOUS UTILITY

FARM IN ACTION INC.  
N/F

WALL  
T=7'-11"  
DE=320 f

PROPOSED UNDERGROUND UTILITIES

UP 24/2

W

OHW

W

W

W

W

W

W

W

W

W

W

W

W

W

W

W

PROPOSED  
WATER QUALITY  
SWALE #2  
S=0.005  
(SEE GRADING PLAN)

STREET

APPROX LOCATION OF EXIST. 8" WATER MAIN

UP 24/3

OHW

W

W

W

W

W

W

W

W

W

W

W

W

W

W

W

W

W

W

12" CLASS V RCP  
L=38' S=0.012

INV=-212.82

EXISTING 12" CMP  
S=0.009

UP 24/1

OHW

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W

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APRON  
RIP RAP  
(WIDTH VARIES)

UP 24/1

OHW

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W

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UP 24/2

OHW

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8" TEE

UP 24/1

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PROPOSED UNDERGROUND UTILITIES

UP 24/2

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1990

2005

207.75

206.5

199.0

L=12' S=0.065

OHW

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PROPOSED 8" CLD

SUB. DRAIN INV=194.844

RIM=201.82

(DMH-4)

CONVERT CB-2 TO MAN HOLE

75' SETBACK

100' BUFFER ZONE

CHECK DAM

PROPOSED TREELINE

24" MAPLE

8" MAPLE

PROPOSED

TREELINE

UP 24/1

OHW

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INV=-212.53

UP 24/1

OHW

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UP 24/1

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INV=-212.53

UP 24/1

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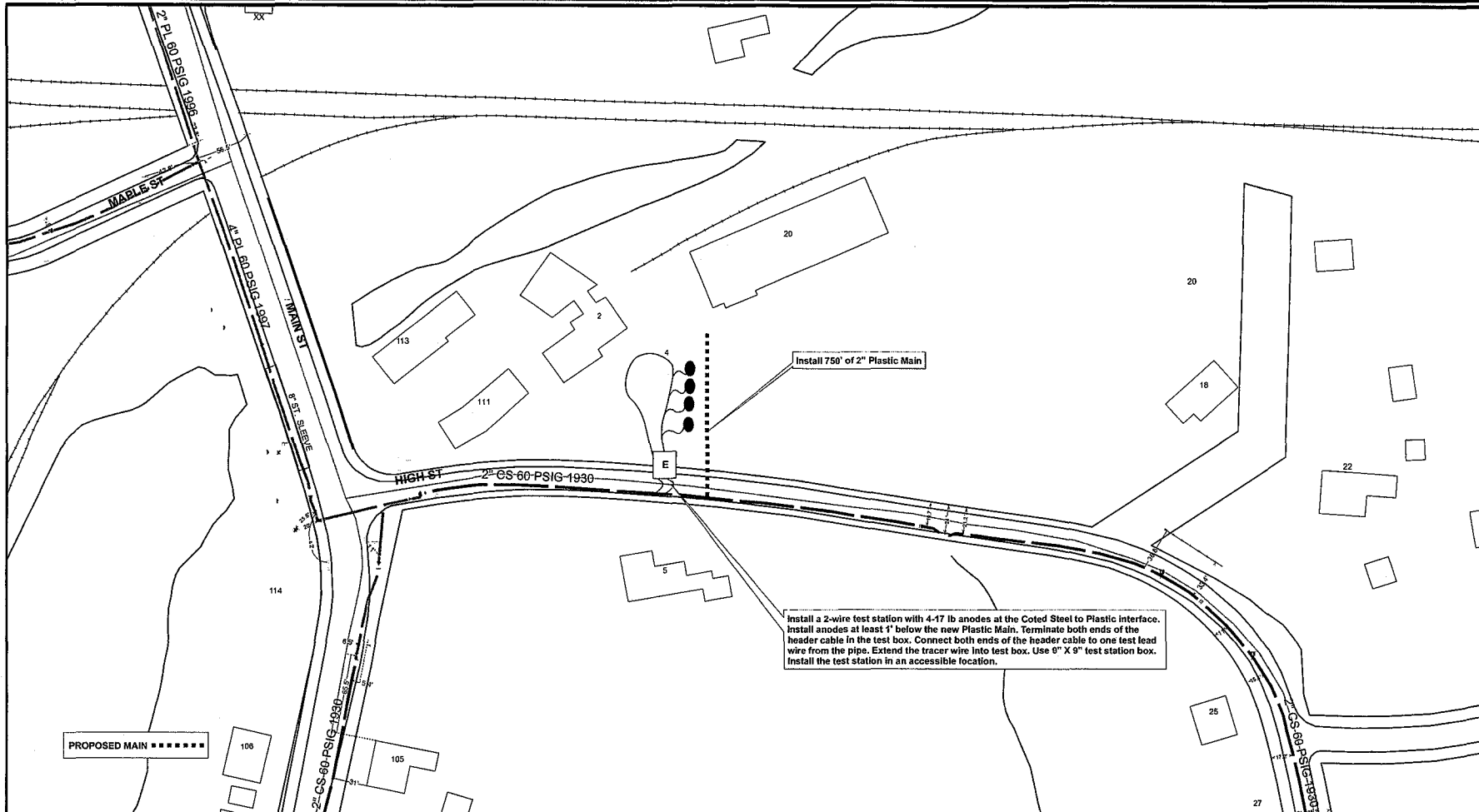
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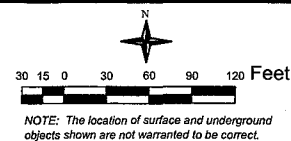
- PRESSURE GAUGES ARE REQUIRED AT ALL MAINS FOR ALL TIE-INS. REFER TO GCON-7010 PROCEDURE.
- CHECK ELECTRONIC MAPPING SYSTEM FOR MOST CURRENT MAPPING INFORMATION.



### ENGINEERING DESIGN - Proposed Scope of Work

4 High St, Acton

Install approx 750' of 2" PL (60 PSIG) proposed new main in Faulkner Mill development from the existing 2" CS (60 PSIG) main in front of #5 High St, ACT.



ENGINEER	LSL	SIZE	2"
DATE	08/20/2008	MATERIAL	PL
LENGTH	750'	PRESSURE	60 PSIG
SECTIONALS			613442
		WORK ORDER #	

ArcFM

**nationalgrid**

**PETITION OF NATIONALGRID FOR GAS MAIN LOCATIONS**

**Town of Acton / Board of Selectmen:-**

The Nationalgrid hereby respectfully requests your consent to the locations of mains as hereinafter described for the transmission and distribution of gas in and under the following public streets, lanes, highways, and places of the **Town of Acton** and of the pipes, valves, governors, manholes and other structures, fixtures and appurtenances designed or intended to protect or operate said mains and accomplish the objects of said Company; and the digging up and opening the ground to lay or place same:

**To install and maintain approximately 750 feet, more or less of 2 inch gas main in High Street Acton.**

**From the existing 2 inch gas main in High Street @ house NO. 5 Northerly to The Faulkner Mill Developmment.**

**DATE September 5, 2008**

BY Harold R. Cooper  
Harold R. Cooper  
Permit Representative

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**ORDER FOR GAS MAIN LOCATION**

**Town of Acton / Board of Selectmen:**

IT IS HEREBY ORDERED that the locations of the mains of the Nationalgrid for the transmission and distribution of gas in and under the public streets, lanes, highways, and places of the **Town of Acton** substantially as described in the petition dated **September 5, 2008** attached hereto and hereby made a part hereof, and of the pipes, valves, governors, manholes and other structures, fixtures and appurtenances designed or intended to protect or operate said mains and/or accomplish the objects of said Company, and the digging up and opening the ground to lay or place same, are hereby consented to and approved.

The said Nationalgrid shall comply with all applicable provisions of law and ordinances of the **Town of Acton** applicable to the enjoyment of said locations and rights.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

I hereby certify that the foregoing order was duly adopted by the \_\_\_\_\_ of the City of \_\_\_\_\_, MA on the \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

BY \_\_\_\_\_

\_\_\_\_\_  
Title

MN # 144-8502-613442

**RETURN ORIGINAL TO THE PERMIT SECTION  
Nationalgrid  
52 SECOND AVENUE, WALTHAM, MA 02451  
RETAIN DUPLICATE FOR YOUR RECORDS**

FORM #1444, Rev. 90

SUC Code	Owner Name	Address	City State	Zip Code	Phone
404	FAULKNER MILL RLTY LLC	4 HIGH ST	ACTON MA	01720-4214	0000000000
905	IRON WORK FARM IN ACTON	5 HIGH ST	ACTON MA	01720-4213	0000000000
905	IRON WORK FARM IN ACTON	11 HIGH ST	ACTON MA	01720-4213	0000000000
101	MARCEWICZ JOSEPH A	18 HIGH ST	ACTON MA	01720-4214	9782637034
101	NEALEY RONALD C	20 HIGH ST	ACTON MA	01720-4214	9782635362
106	NEALEY RONALD C	20 HIGH ST	ACTON MA	01720-4214	9782635362
101	ALESBURY D SCHULTHEISS T	22 HIGH ST	ACTON MA	01720-4214	9782633788
106	ALESBURY D SCHULTHEISS T	22R HIGH ST	ACTON MA	01720-4214	9782633788
101	KEMMITT ROGER T	25 HIGH ST	ACTON MA	01720-4213	9782635260
101	BURDEN KEITH W	27 HIGH ST	ACTON MA	01720-4213	9782640796
101	KUOSMANEN VESA M	30 HIGH ST	ACTON MA	01720-4214	9782632845
101	ATKINS JOHN L	33 HIGH ST	ACTON MA	01720-4213	9782636831
101	COUGHLAN STEPHEN M	39 HIGH ST	ACTON MA	01720-4213	9782635158